**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Viscosity Lab**

Viscosity is the relative “thickness” or “thinness” of a liquid. It also is a measure of how fast or slow a fluid will flow. Using the apparatus set up in the lab, determine which liquid has the **highest** viscosity.

**High viscosity** means that the fluid is very thick (example: honey)

**Low viscosity** means that the fluid is very thin (example: water)

|  |  |  |  |
| --- | --- | --- | --- |
| **Substance** | **Time (trial 1)** | **Time (trial 2)** | **Time (trial 3)** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

How long (in cm) was your slope used to test viscosity?

*My slope was ­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cm long*

Which fluid was the **quickest** at moving down the slope? This is also known as the lowest viscosity

*The quickest fluid moving down the slope was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

Which fluid was the **slowest** at moving down the slope? This is also known as the highest viscosity

*The slowest fluid moving down the slope was ­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*